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23859 7590 02/22/2005

NEEDLE & ROSENBERG, P.C.
 SUITE 1000
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 ATLANTA, GA 30309-3915

04/28/2005 DEMMANU2 00000035 09977868

01 FC:1501 1400.00 DP
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Robert A. Hodges, Reg. No. 41,074 (Depositor's name)
 (Signature)
 April 25, 2005 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/977,868 | 10/15/2001 | Frank B. Dean | 13172.0012U1 | 3745 |

TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|--------------------|--------------|-----------------------------|-----------------|-------------------------------|------------|
| nonprovisional | YES | \$300 1400.00 | \$300 | \$600 \$1700.00 | 05/23/2005 |
| EXAMINER | ART UNIT | CLASS-SUBCLASS | | | |
| HORLICK, KENNETH R | 1637 | 435-006000 | | | |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Needle & Rosenberg, P.C.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

QIAGEN GmbH

Germany

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☒ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature _____

Date April 25, 2005

Typed or printed name Robert A. Hodges

Registration No. 41,074

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